CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

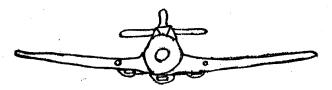
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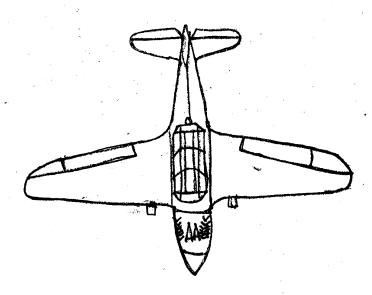
Approved For Resease12005/05/16: CIA-RDP80-00810A001100010009-9^{25X1} One aircraft had twin vertical stabilizers placed at the extreme tips of the horizontal stabilizer. The other aircraft had a single vertical stabilizer. See Annex B for sketch 25X1 of the tail assembly/ 25X1 d. Rockets were employed to assist take-off in each aircraft. 25X1 Armament consisted of several two-centimeter guns in each air-25X1 craft. While at Dolny Kubin, the cadet class was told by instructors that a new type of metal, Hidumminium, was used in the construction of 3. connecting rods and pistons employed in the Walter Minore M4, III 25X1 type engine. This power plant was used in the Trener C-105, Bikr C-106, Sokol, Aero-45, and Hodek type aircraft. 25X1 RR 56 and RR 59. The RR 56 was very hard and durable. The RR 59 was utilized for the manufacture of mintage. 25X1 25X1 was utilized for the manufacture of pistons, was very resistant to heat, and had a very small heat expansion coefficient. Both types were drop forged (Vykovek), had to be highly polished, and posses-25X1 sed a very smooth finish. All pits were removed. if a pit remained, it would cause the connecting rod or piston to break at the point of the pit. The connecting rods had an "I" profile to give added strength. It was further stated that all aircraft would be so modified in the very near future. this 25X1 was grayish white and a very light metal in 1952 metal. It was lighter in color than manganese. The metal was manufactured in Czechoslovakia ANNEXES: 25X1 A -Sketch of the CS-199 25X1 B -Sketch of the Tail Assembly of New Jet Planes

ANNEX A

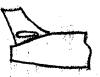
25X1 Sketch of the CS-199







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| ANNEX | В | | - 4- | | | | | | |
| 25X1 | Sketch | of the Tail | Assembly of New J | let Plan | e 5 | | | | |



Single Vertical Stabilizer





Twin Vertical Stabilizer



SECRET